Fig. 1

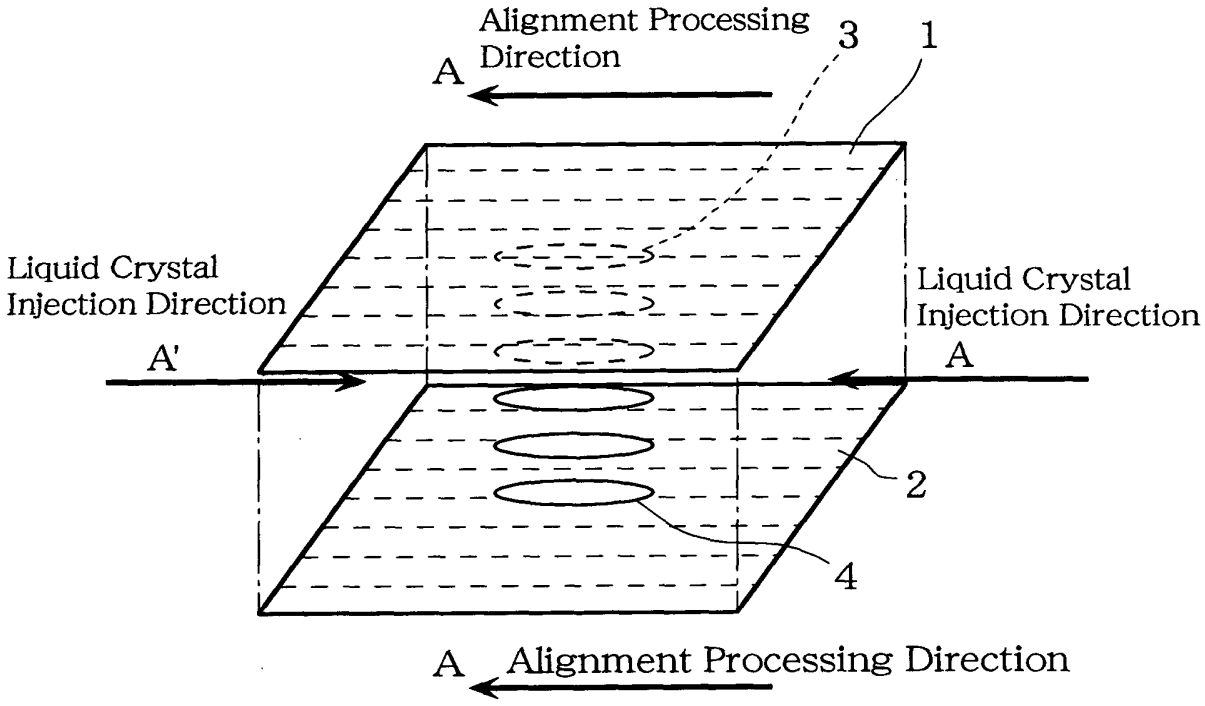
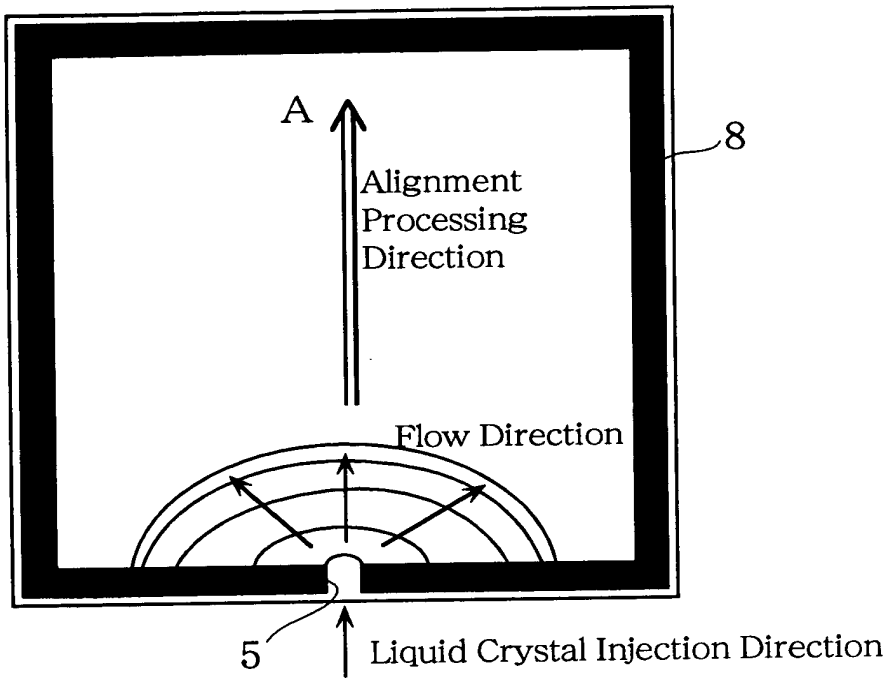

Alignment Processing Direction
A
3
1
Liquid Crystal Injection Direction
A'
Liquid Crystal Injection Direction
A
2
4
A
Alignment Processing Direction

Fig. 2

(a)


A
Alignment
Processing
Direction
8
Flow Direction
5
Liquid Crystal Injection Direction

(b)

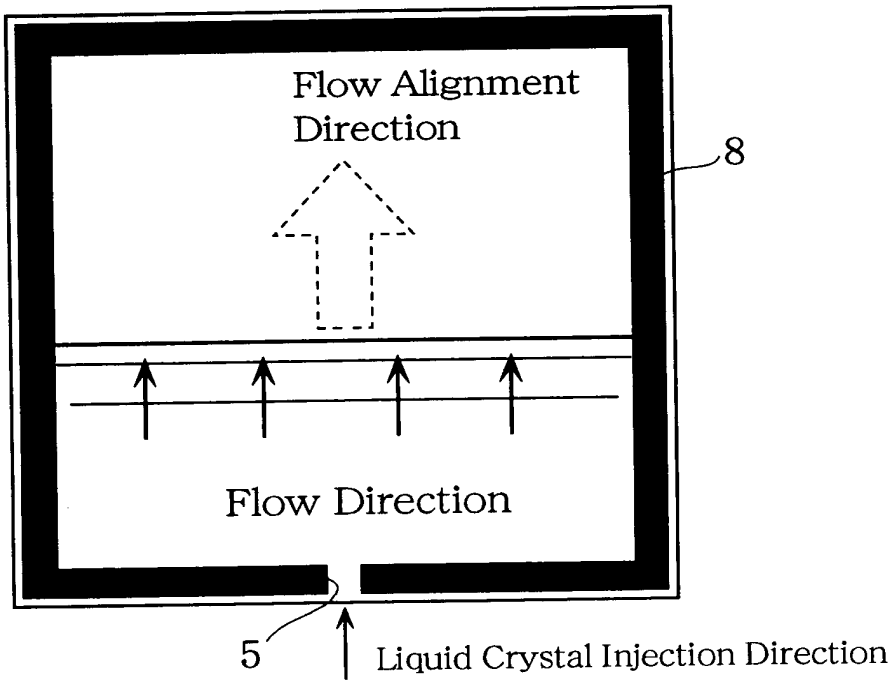

Flow Alignment
Direction
8
Flow Direction
5
Liquid Crystal Injection Direction

Fig. 3

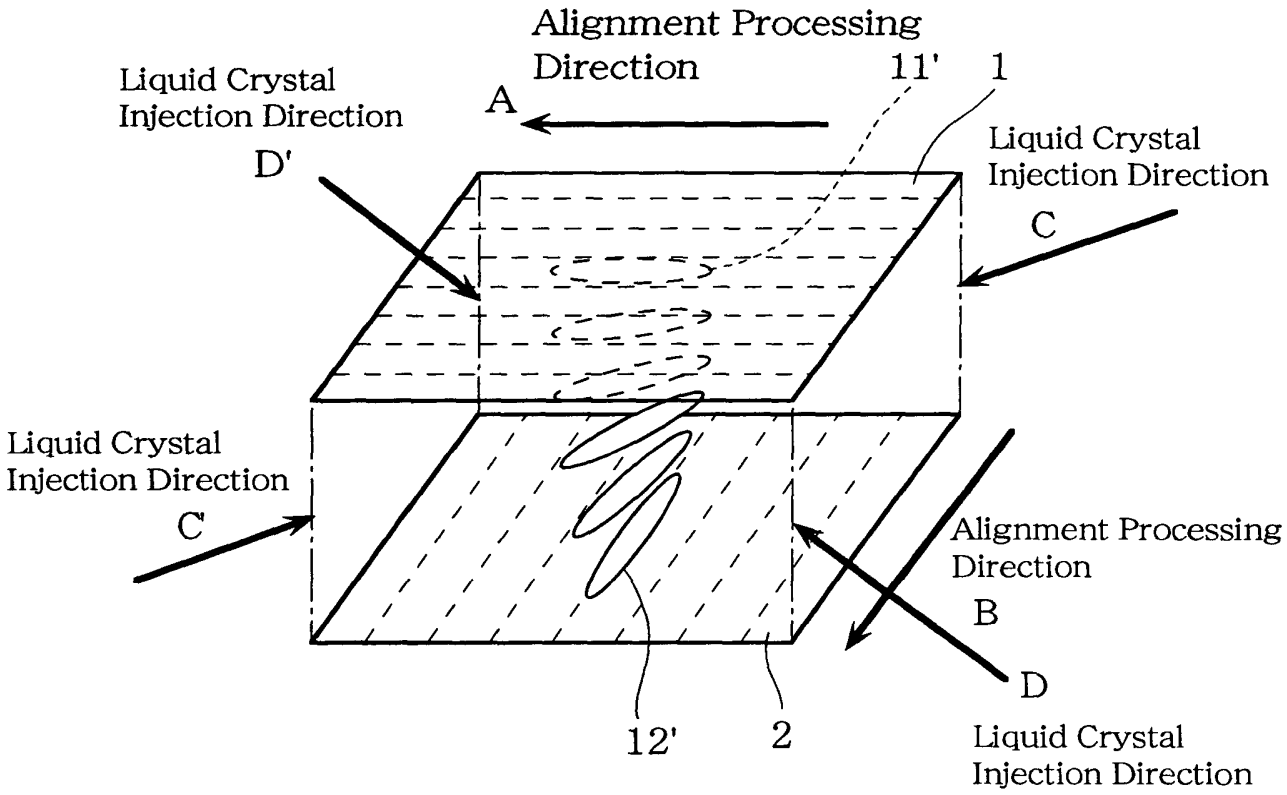

Alignment Processing Direction
A
11'
1
Liquid Crystal Injection Direction
D'
Liquid Crystal Injection Direction
C
Liquid Crystal Injection Direction
C'
Alignment Processing Direction
B
D
12'
2
Liquid Crystal Injection Direction

Fig. 4

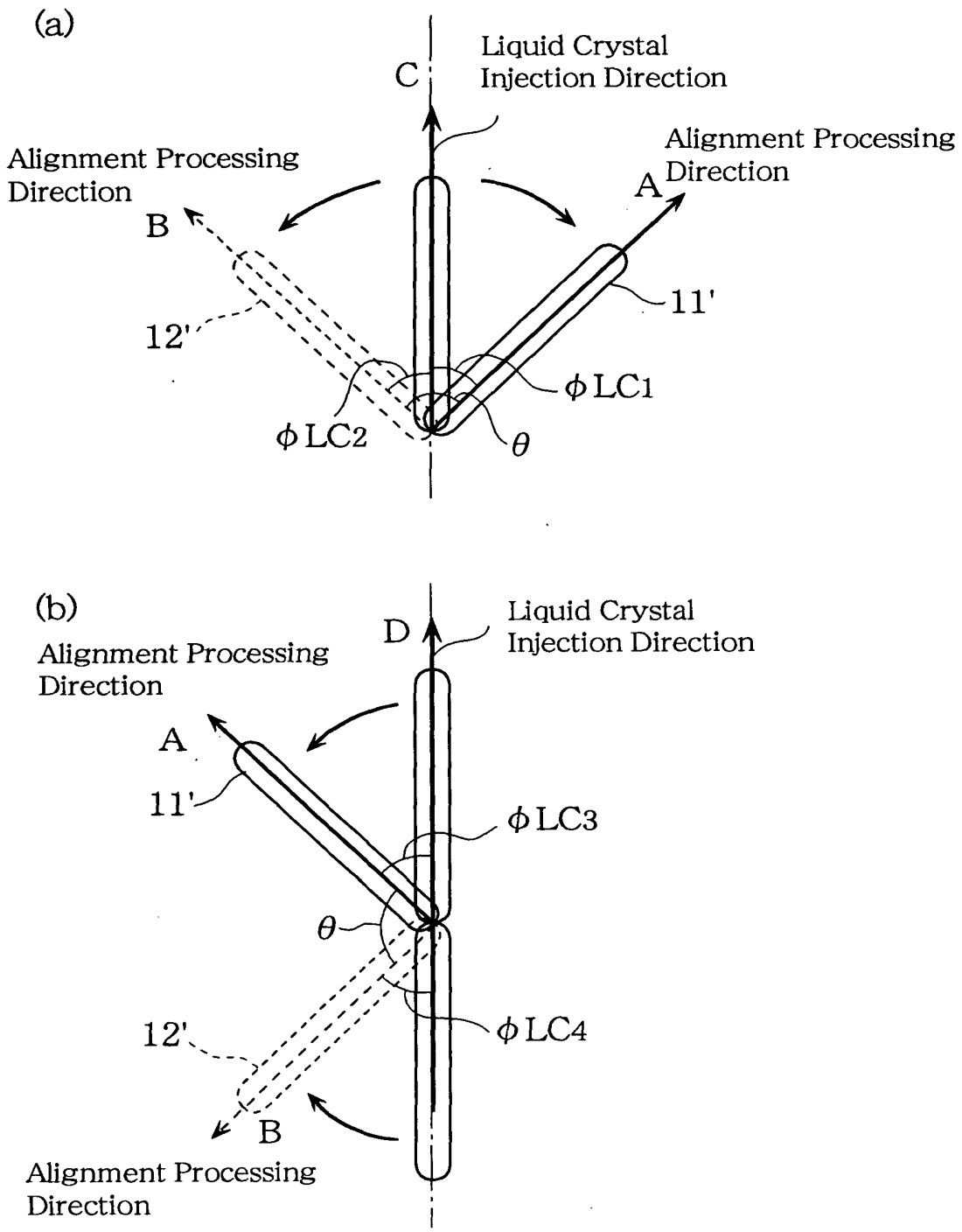
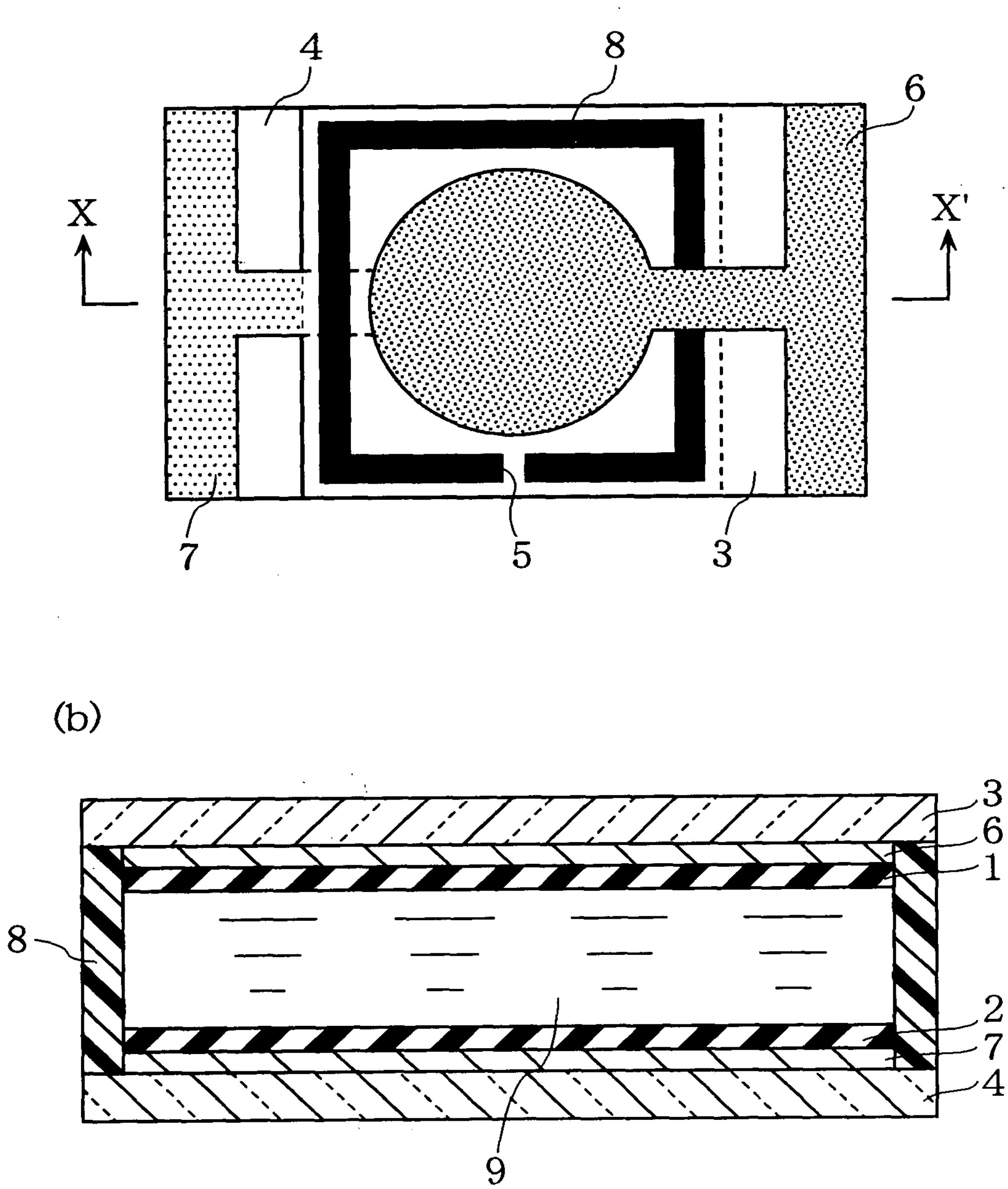

(a)
C
Liquid Crystal
Injection Direction
Alignment Processing
Direction
B
Alignment Processing
Direction
A
11'
12'
ϕLC1
ϕLC2
θ
(b)
D
Liquid Crystal
Injection Direction
Alignment Processing
Direction
A
11'
ϕLC3
θ
12'
ϕLC4
B
Alignment Processing
Direction

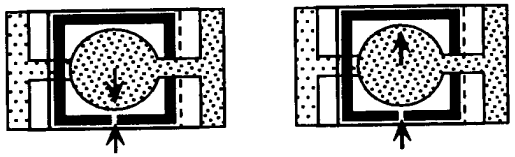
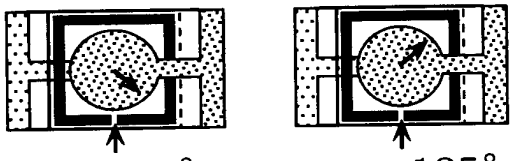
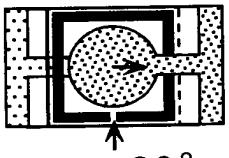
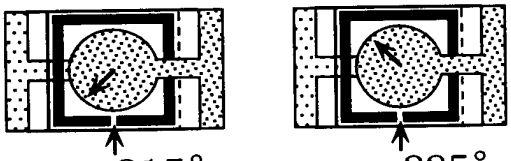
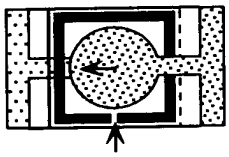
Fig. 5

(a)



09830414.042701

Fig. 6

	Relation between Alignment Processing Direction and Liquid Crystal Injection Direction
H−1	
H−2	
H−3	
H−4	
H−5	

09830414 042701

Fig. 7

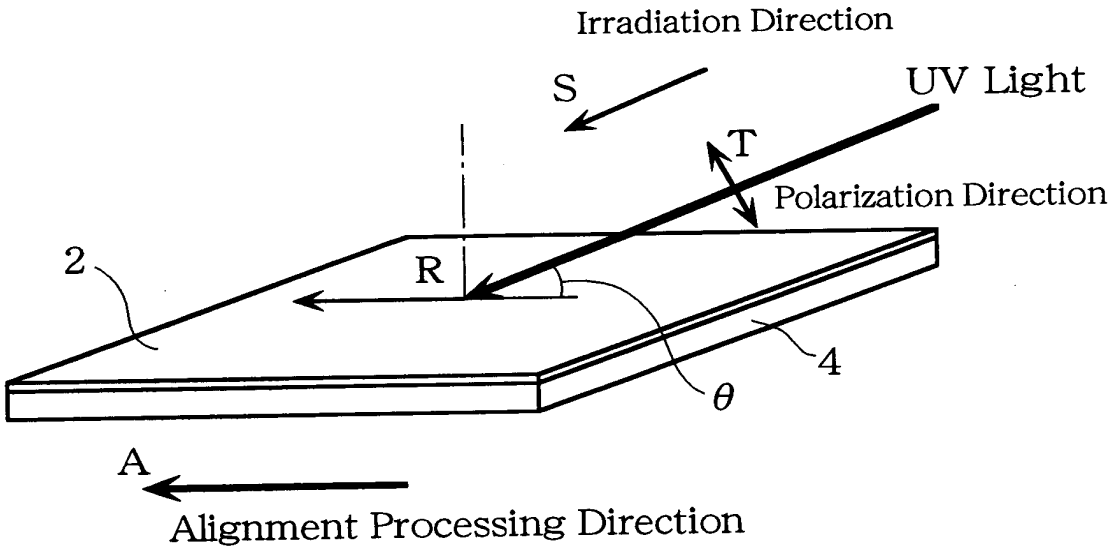


Fig. 8

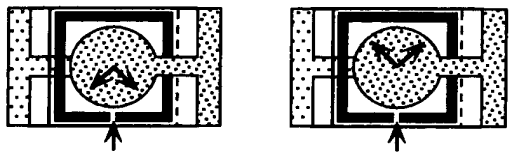
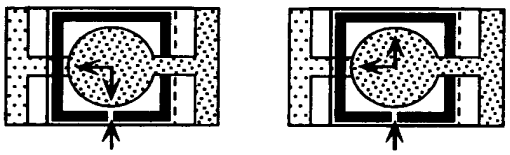
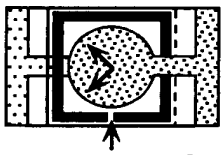
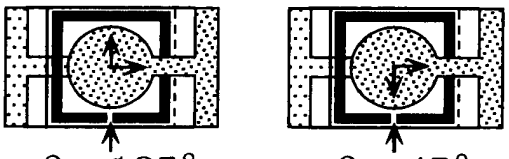
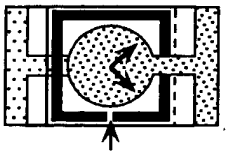
	Relation between Alignment Processing Direction and Liquid Crystal Injection Direction
T−1	 β =0° (360°) β =180°
T−2	 β =315° β =225°
T−3	 β =270°
T−4	 β =135° β =45°
T−5	 β =90°

Fig. 9

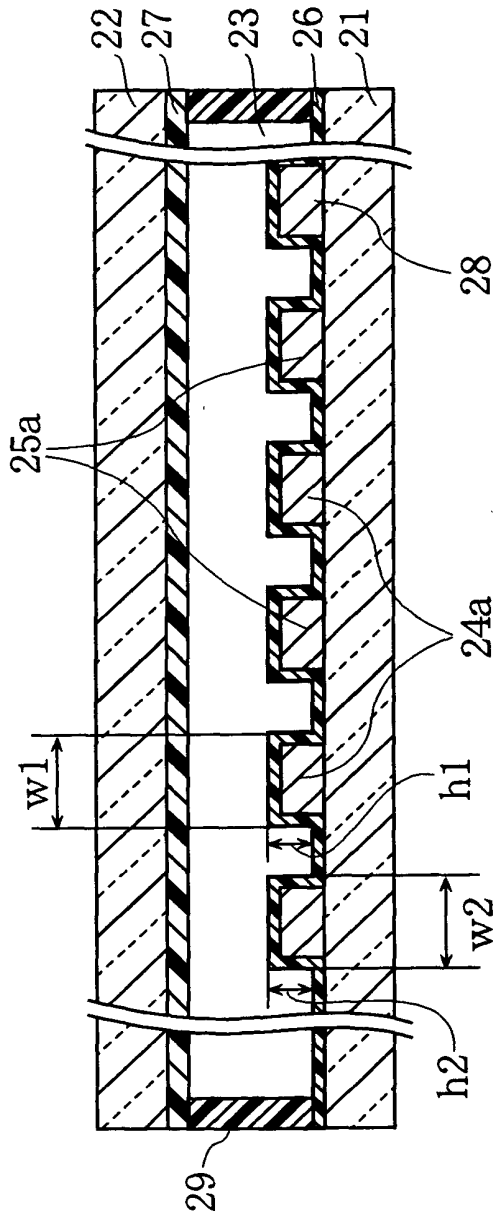
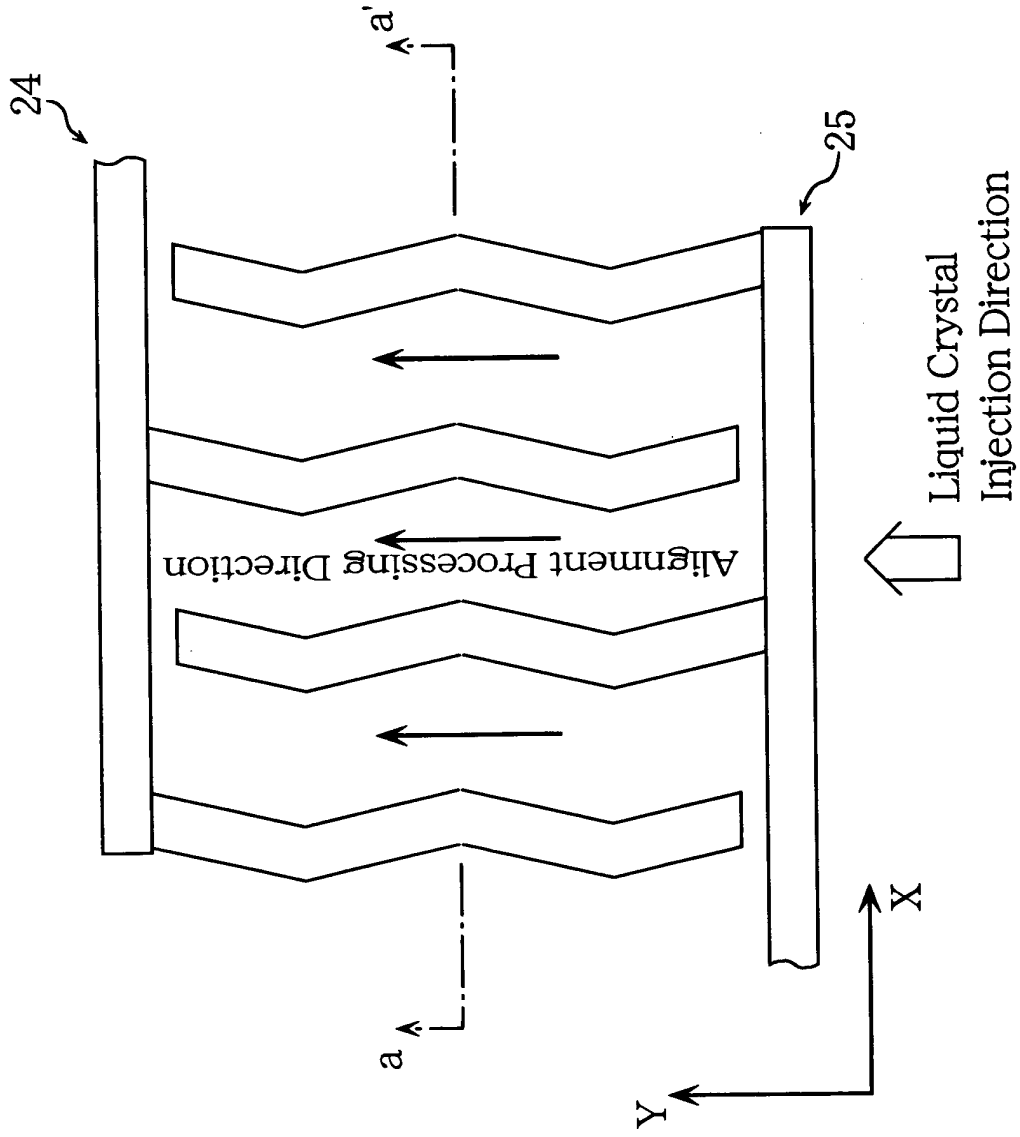


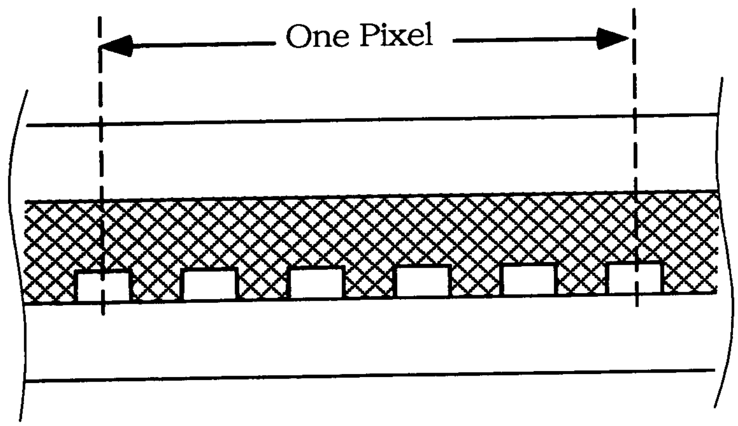
Fig. 10



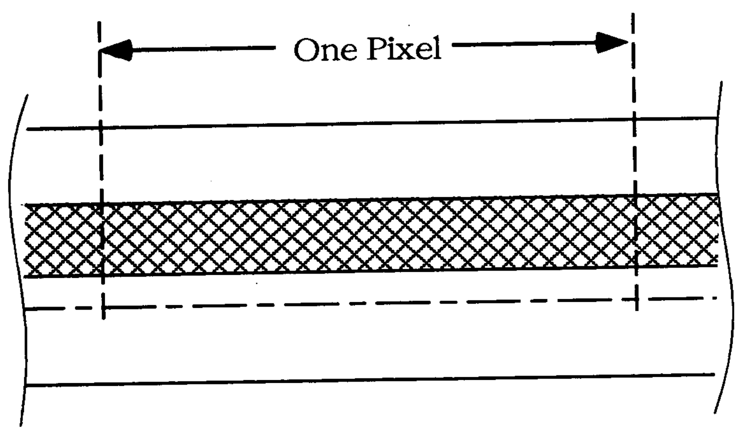
PCT/JP00/04850

Fig. 11

(a)



(b)



09830414.042501

Fig. 12

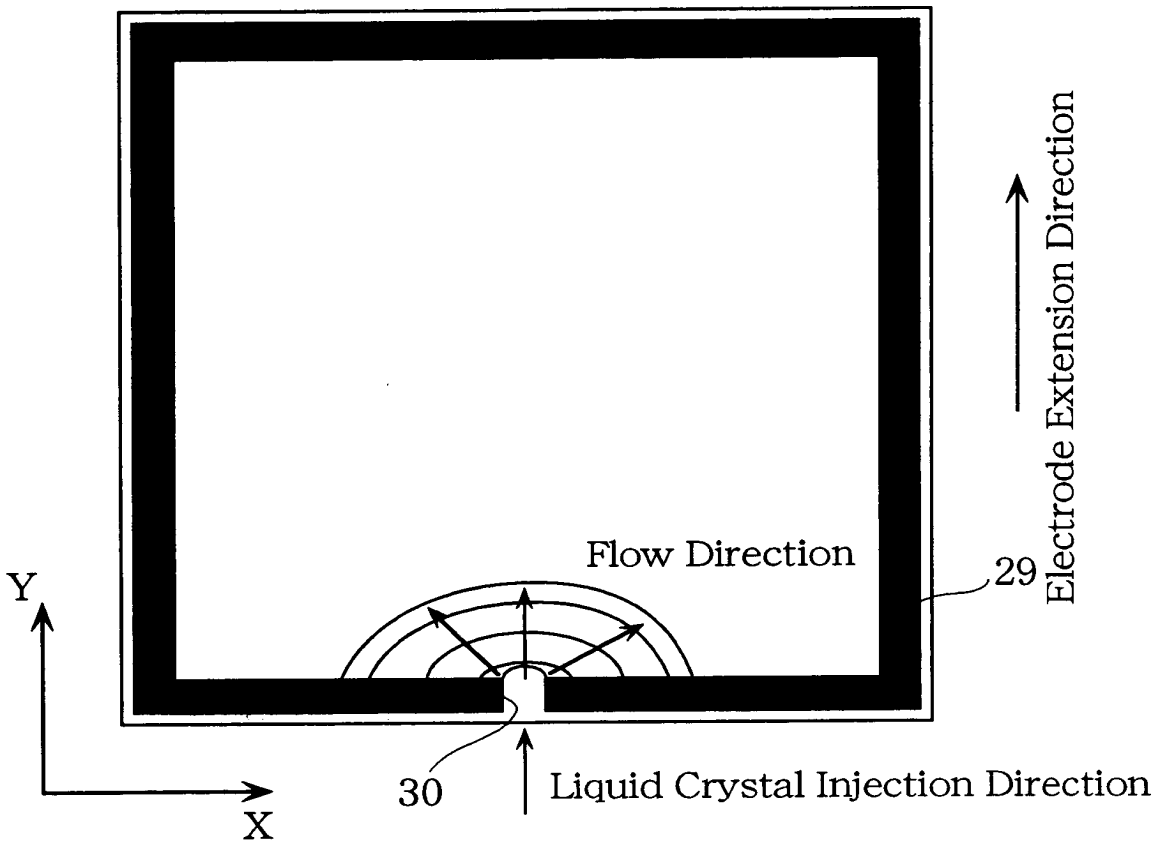

Electrode Extension Direction
Flow Direction
29
Y
X
30
Liquid Crystal Injection Direction

Fig. 13

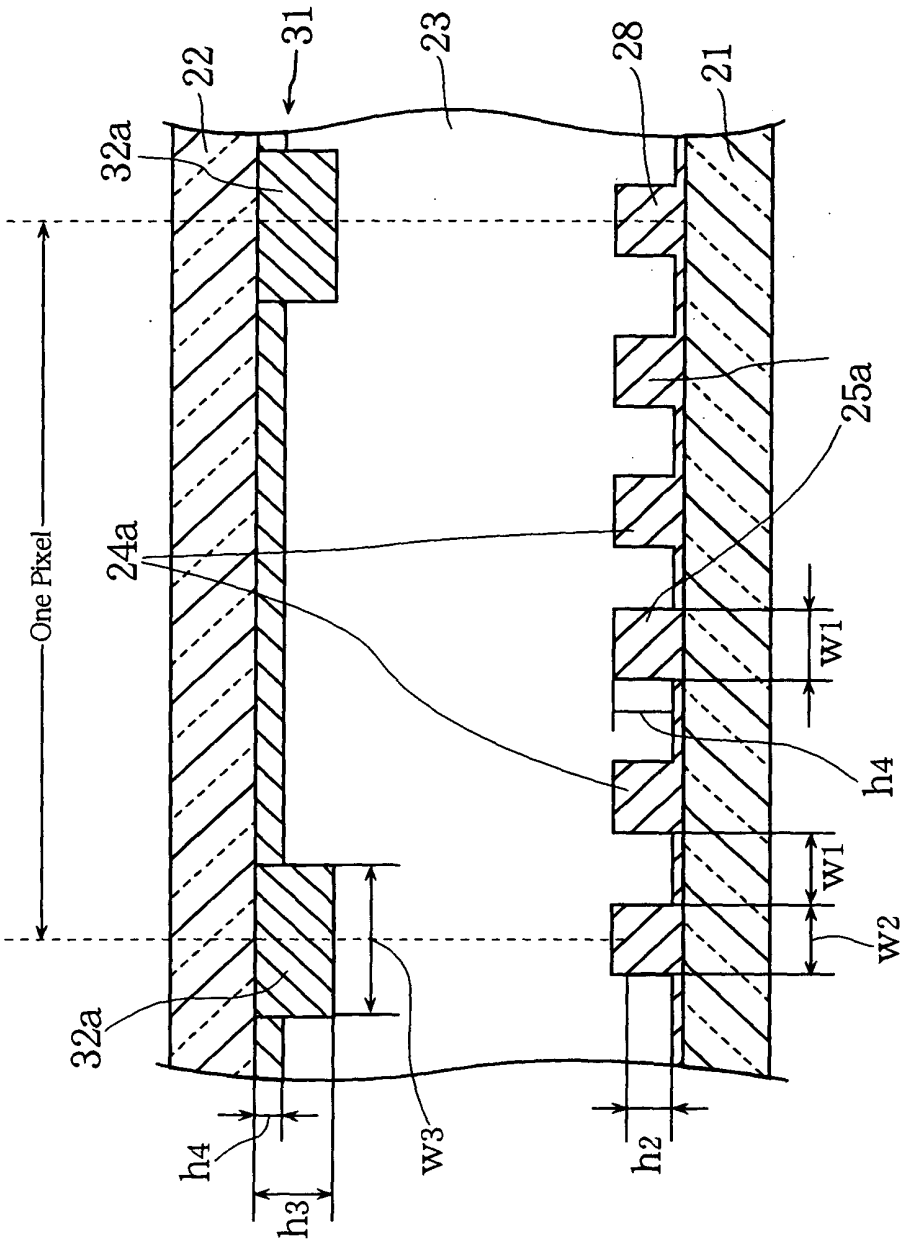


Fig. 14

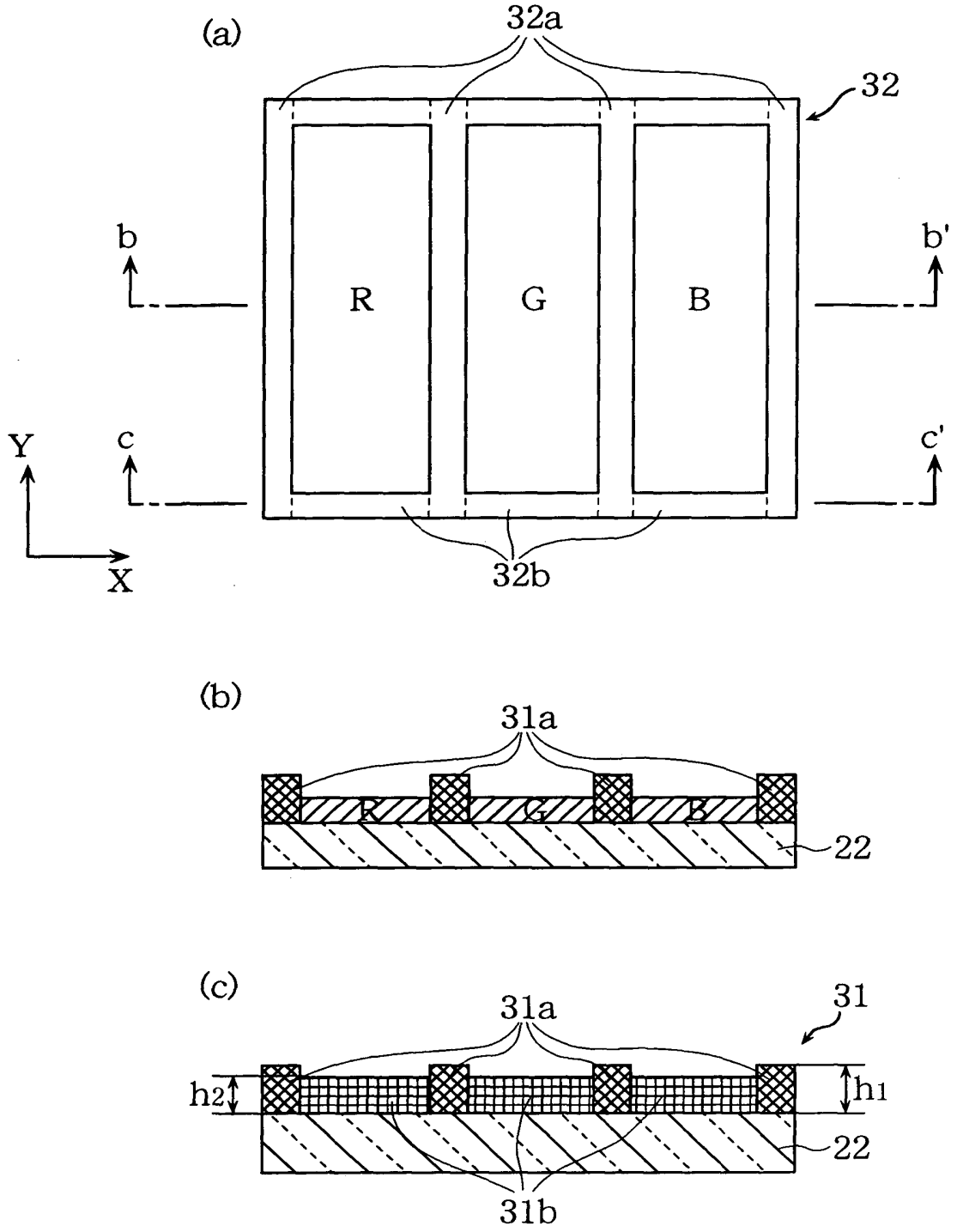
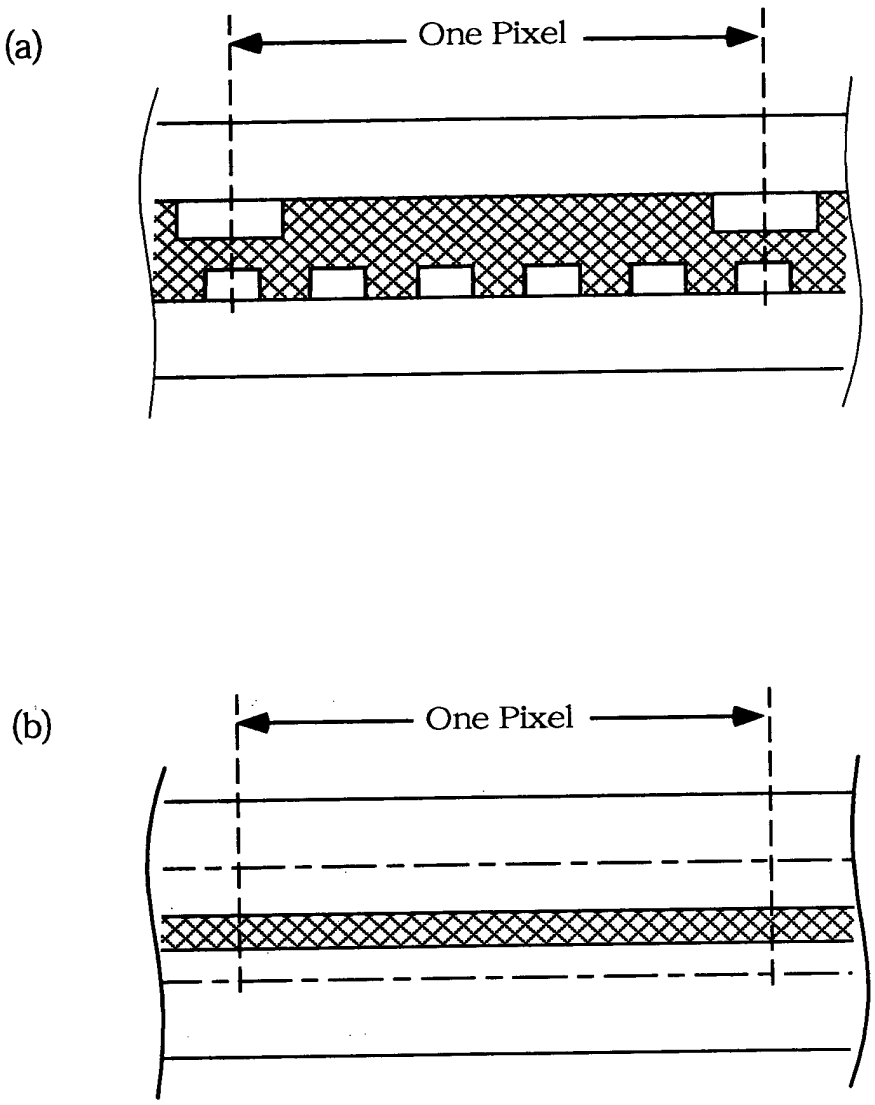


Fig. 15



PCT/JP99/05914

Fig. 16

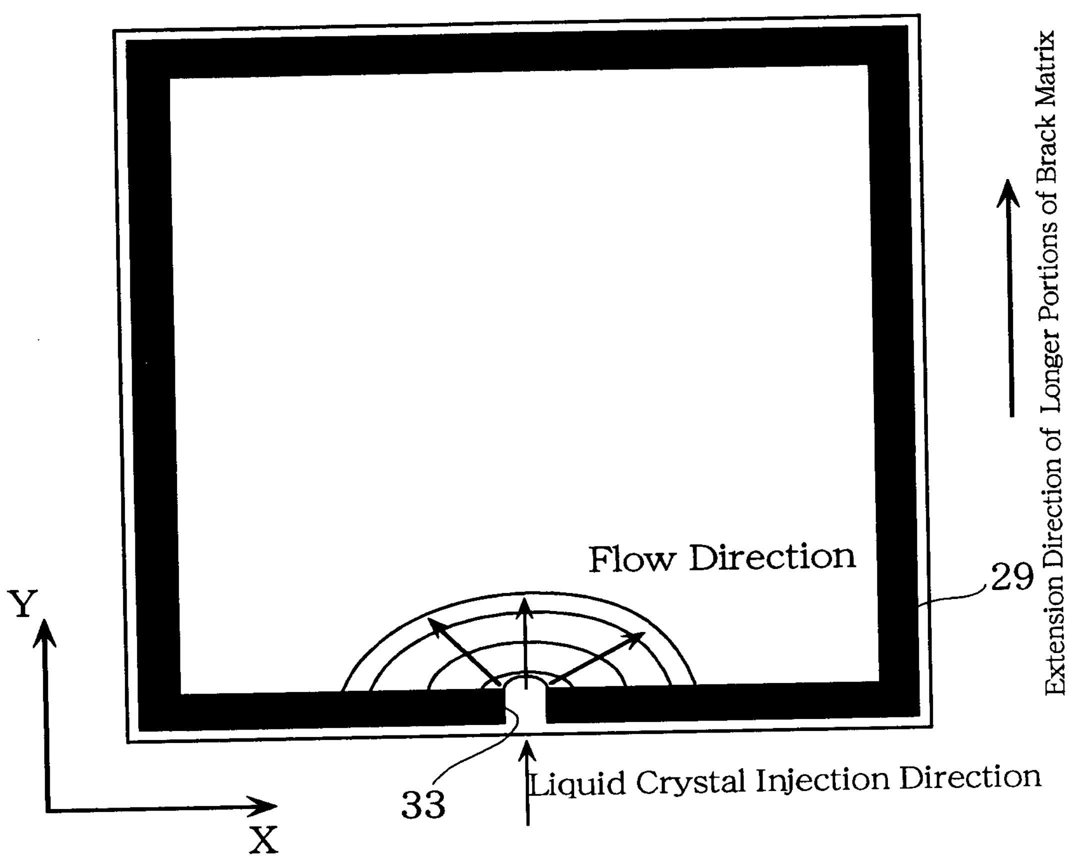
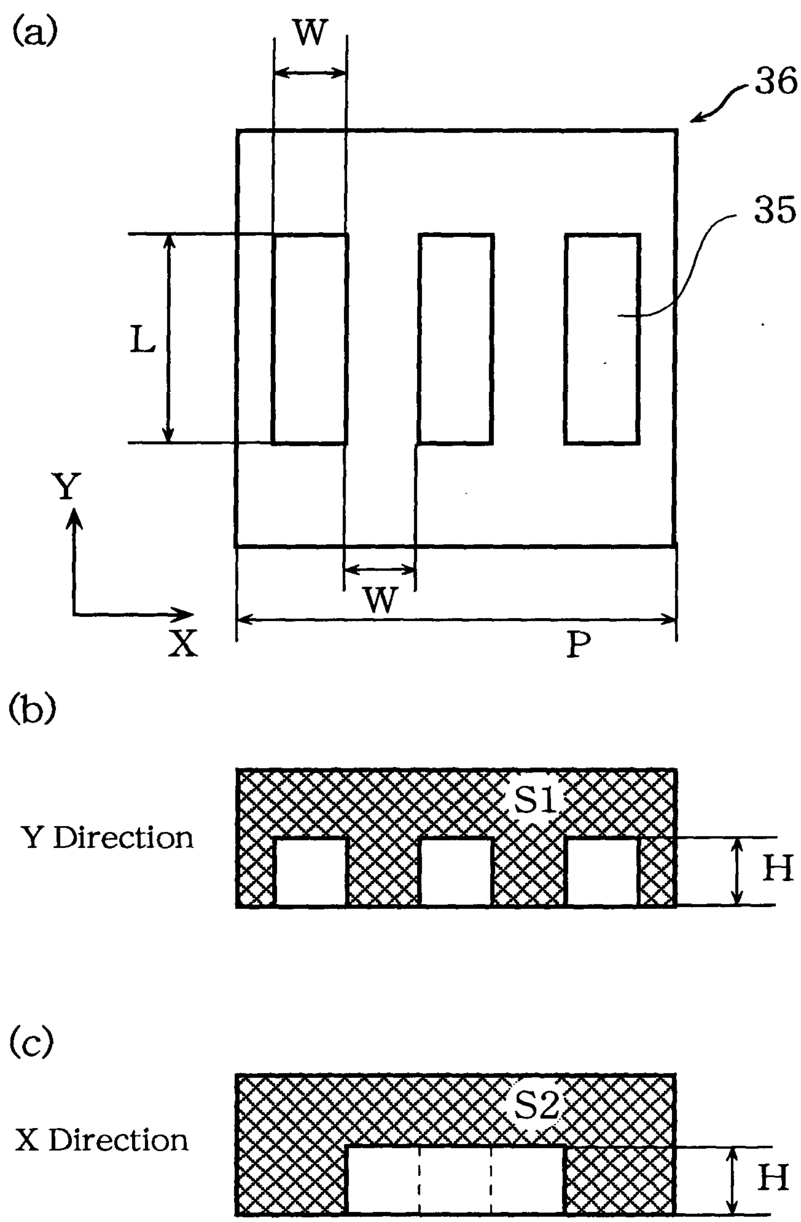
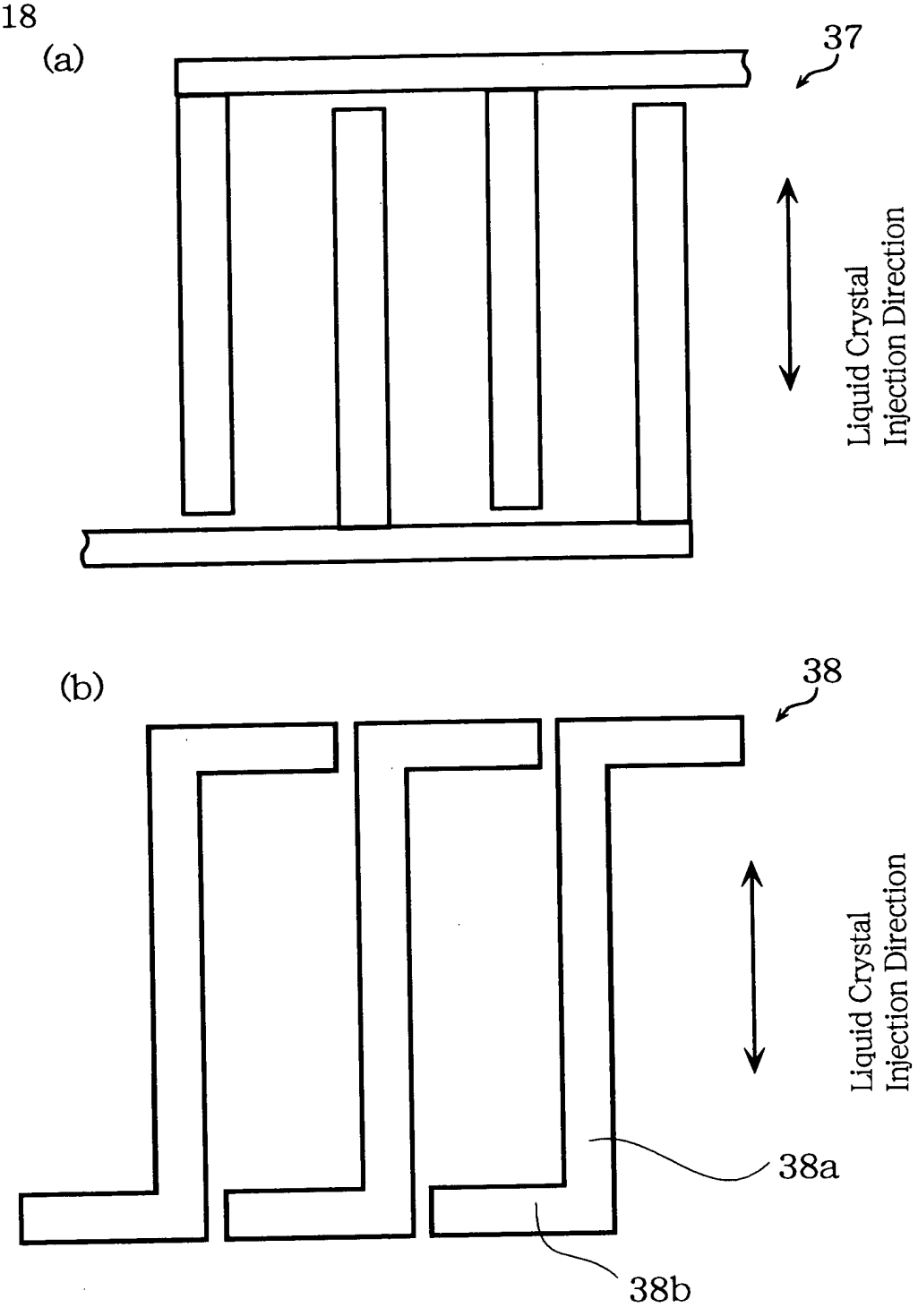

Flow Direction
29
Y
X
33
Liquid Crystal Injection Direction
Extension Direction of Longer Portions of Brack Matrix

Fig. 17



09830414 . 042501

Fig. 18



EP 0 924 549 A1

09830414 - 042501

Fig. 19

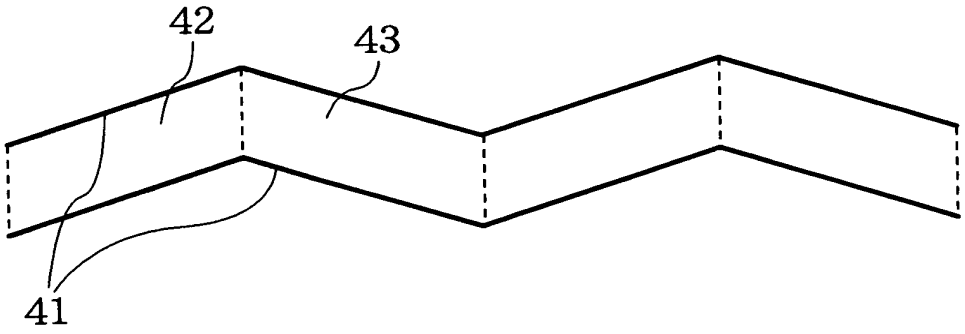
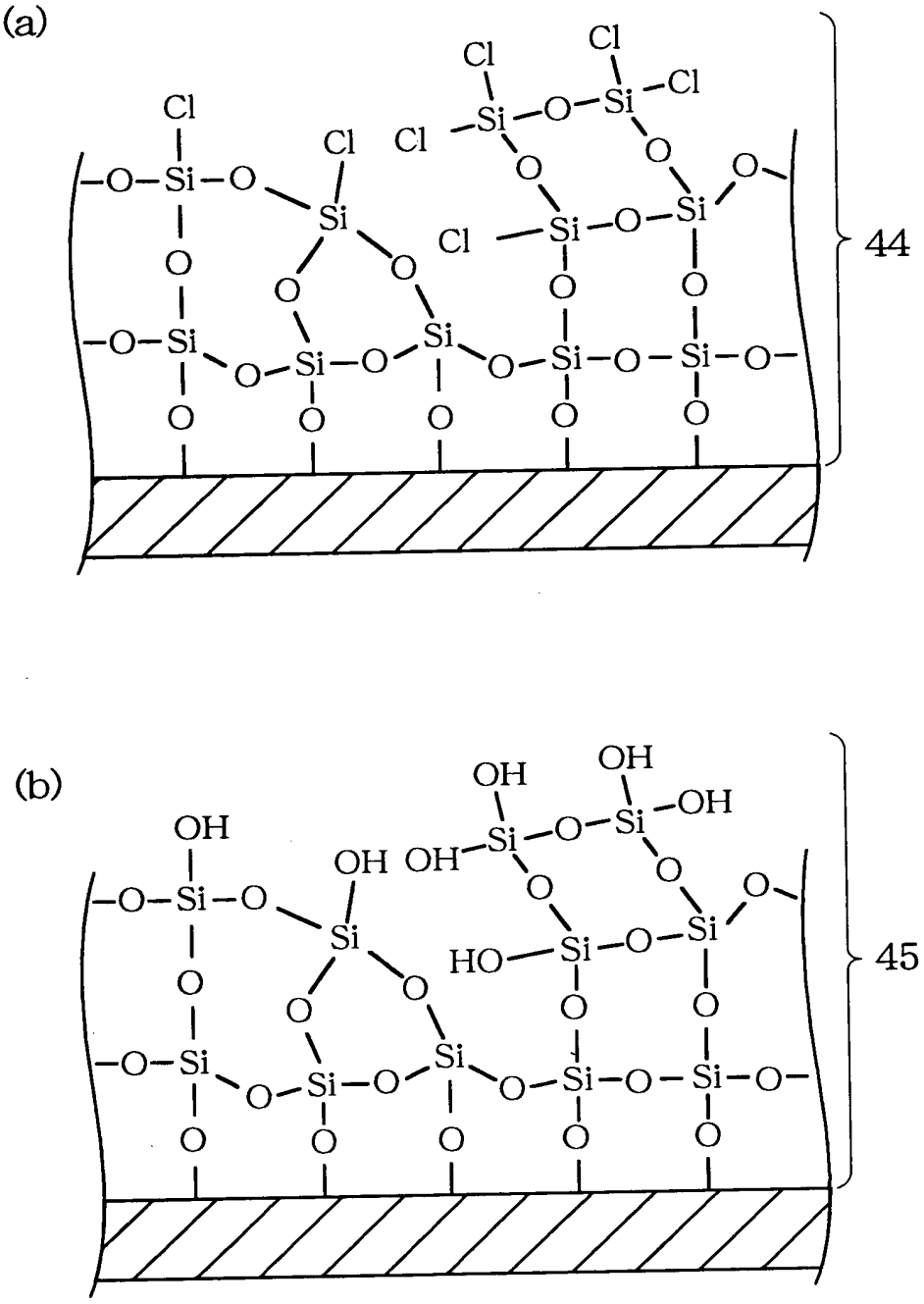


Fig. 20



PCT/EP00/04743 09.08.2000